

LUBRICATING OIL COMPOSITION FOR AUTOMATIC TRANSMISSION

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Abstract of JP6240275

PURPOSE: To obtain a lubricating oil composition for automatic transmission having an excellent performance of preventing a shift quality as well as a high torque transmission capacity by mixing a lubricating oil base oil with a specified amine compound, calcium phenate and a plurality of specified ash-free dispersants in a specified ratio. **CONSTITUTION:** A lubricating oil base oil (e.g. paraffinic mineral oil) is mixed with 0.01-3.0wt.%, based on the total weight of the composition, at least one amine compound of formula I (wherein R<1> is a 10-30 C hydrocarbon group; and y and z are each 1-5), 0.05-5.0wt.% at least one member selected from between calcium phenates of formulas II and III (wherein R<2> and R<4> are each 5-28 C alkyl; R<3> and R<5> are each H or 1-28 C alkyl; and x is y), 0.5-5.0wt.% at least one succinimide type ash-free dispersant of formula IV (wherein R<6> is a residue of a 500-5000 C oligomer; and m is 4-6) and 0.5-5.0wt.% at least one B-shielded succinimide type ash-free dispersant of formula V (wherein R<7> is R<6>; and n is m).

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